

12#9's, epoxy coated, spaced as shown, top and bottom placed parallel to deck overhang steel. Hook one end.

Provide slip hole or drill and tap box for 1/4"  $\phi$  conduit.

$\phi$  4"  $\phi$  conduit, full length of bridge.

#5  $\sqsubset$  top and bottom epoxy coated.

$\phi$  Parapet control joint.

5-#5  $\sqsubset$  Ties

Spacing to match that of deck overhang steel (Varies 5" to 7"). Bars to be placed between deck overhang steel.

8-#5  $\sqsubset$  Ties, epoxy coated, @ 8" c/c See Sheet 2 of 2.

5'-7" Min.

8"

Parapet

3" min.

$\phi$  Parapet control joint.

2'-3 1/4"

3" min.

See "Note A"

1'-10"

1'-1 1/2"

1'-1 1/2"

1'-10"

A/2

A/2

A (Minimum 6'-5") See Note B

#### Note B:

Station for light post support bracket shown on Plans is only approximate.  $\phi$  Bracket to be located midway between parapet control joints. A= Normal parapet control joint spacing (Adjust as necessary to meet minimum limitations). If a light post is placed at  $\phi$  of pier, eliminate the control joint at the  $\phi$  of pier. The first control joint beyond, on one side only shall be changed to a paraffin joint.

#### Note:

Deck overhang reinforcing steel not shown.

#### Note A:

Contractor is to contact the District Engineer in writing prior to placing sleeves for anchor bolts, to ascertain the bolt circle dimension and size of anchor bolts that will be used on this project. All light poles to be set plumb using leveling nuts on anchor bolts. Max. height of pole for this detail is 40'.

#### PLAN

Scale: 1/2"=1'-0"

6" x 6" x 8" galvanized cast iron, galvanized steel or fiberglass U.L. listed junction box with cover. Provide holes in box for 4"  $\phi$  conduit.

$\phi$  4"  $\phi$  conduit

#5  $\sqsubset$  Ties

#5  $\sqsubset$  Ties. See Sheet 2 of 2.

1/2"  $\phi$  Drain at low point of junction box.

Sleeves for anchor bolts. See "Note A."

Bottom to match underside of fascia, parallel to grade.

#### SECTION A-A

Scale: 1/2"=1'-0"

For Section "B-B" see Sheet 2 of 2.

## 34" DIAMOND BACK

APPROVAL	
<i>E. S. Friedman</i>	DIRECTOR
	OFFICE OF BRIDGE DEVEL.
DATE: 4/8/84	
REVISIONS	
SHA	FHWA
9-24-96	.
6-1-05	.
11-26-07	.
1-9-08	.

FHWA APPROVAL  
DATE: 3-19-85

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF BRIDGE DEVELOPMENT



SUPPORT BRACKET FOR BRIDGE MOUNTED LIGHT POST  
WITH SINGLE CONDUIT AND 34" F-SHAPE PARAPET  
WITH DIAMOND BACK

STANDARD NO. BR-SS(6.28)-05-167A(L)

SHEET 1 OF 2

SUPER-CONCRETE WORK